1. **Download and Install XAMPP**

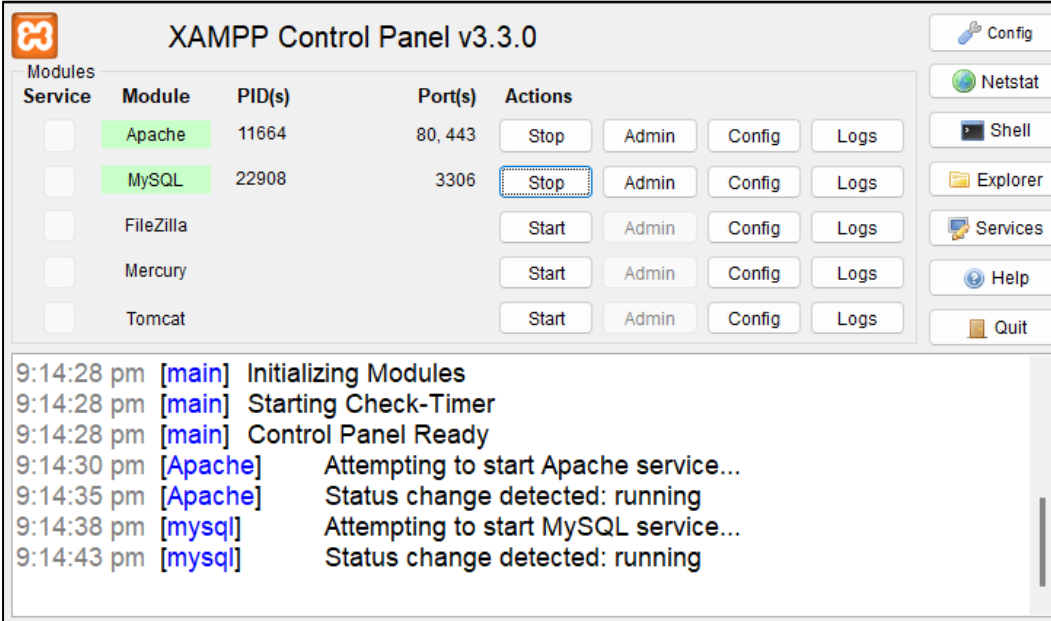   Visit the official XAMPP website at https://www.apachefriends.org/download.html.

2. **Start Apache and MySQL**

3. **Download and Install Composer**

Visit the official XAMPP website at https://getcomposer.org/download/.

4. **Download and install eVACMIS**

1.1. Go to eVACMIS GitHub repository (https://github.com/GlaBom/e-VACMIS-Capstone).
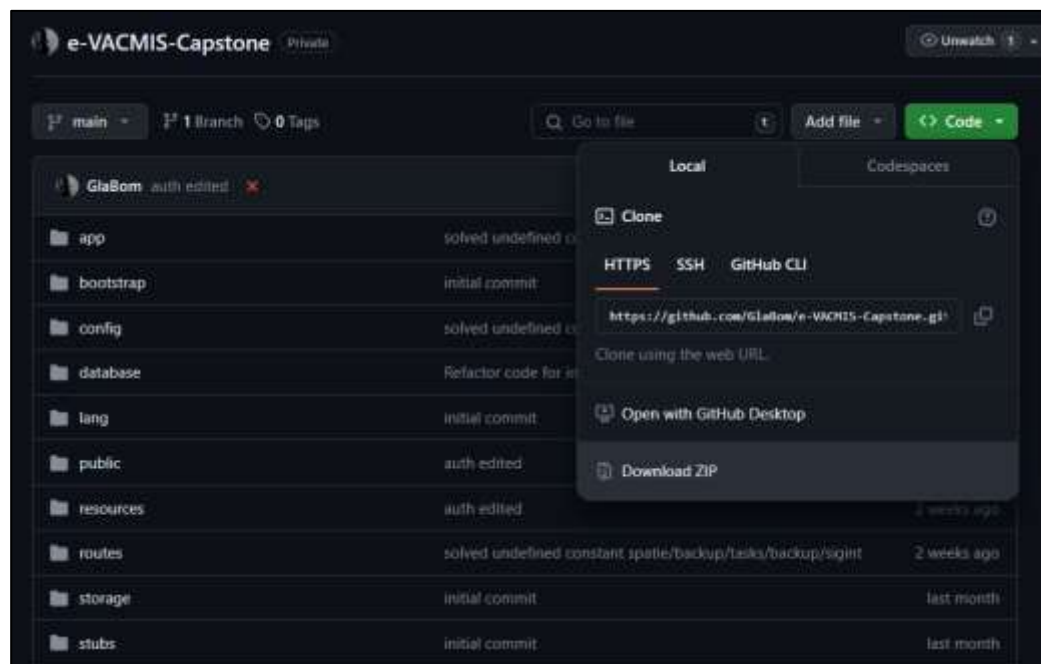
1.2. Download as Zip File.

Or if you have git installed, simply run this command to clone the repository.

```
$ git clone git@github.com:GlaBom/e-VACMIS-Capstone.git
```

1.3. Open a terminal and navigate to the directory where you installed/cloned the repository.

2. Once you have started the artisan development server, the eVACMIS will be accessible in your web browser at http://localhost:8000.
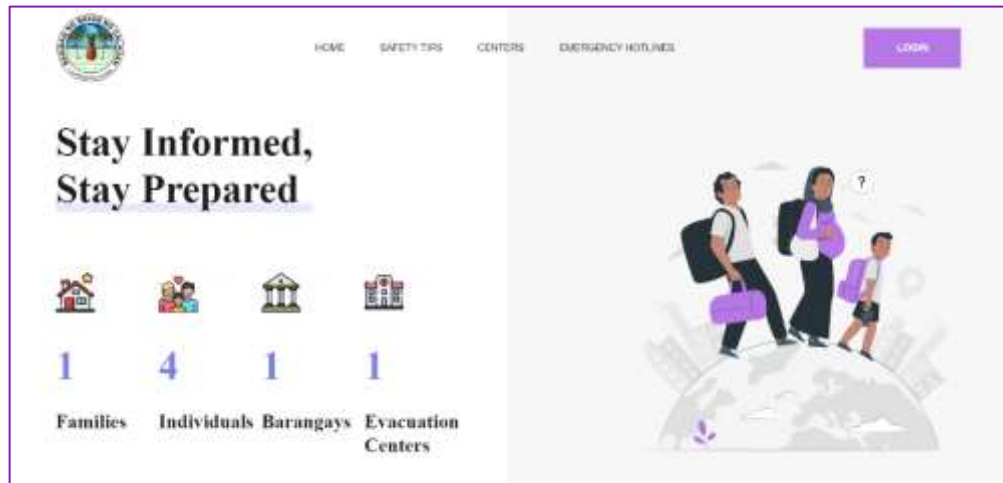
HOMEPAGE

To access eVACMIS website, enter evacmis.online in the search bar of your browser. All user roles of the system including MSWDO, MDRRMO, admin, barangay,
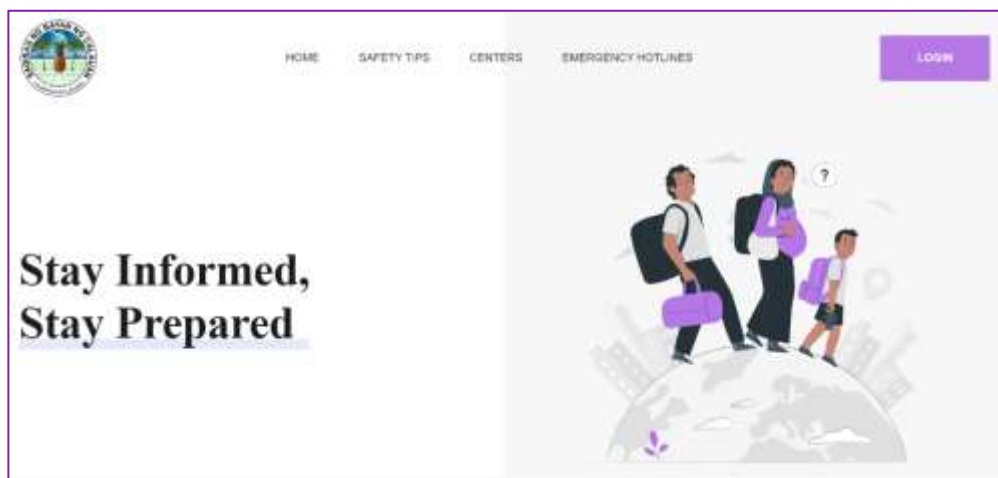
volunteer, and guest users will be redirected to this homepage. You will see buttons here like the home, safety tips, centers, and emergency hotlines, and lastly the login.

If there's a present emergency, this homepage will look like this. It will display the

total number of affected families, individuals, barangays, and evacuation centers.

In the homepage, you can also view here all the evacuation guidelines. To manage this information, only the MDRRMO user can do so.

Aside from the evacuation guidelines, you will also view here the emergency tips. To manage this information, only the MDRRMO user can do so. Click this "View" to view more details about the emergency tip.
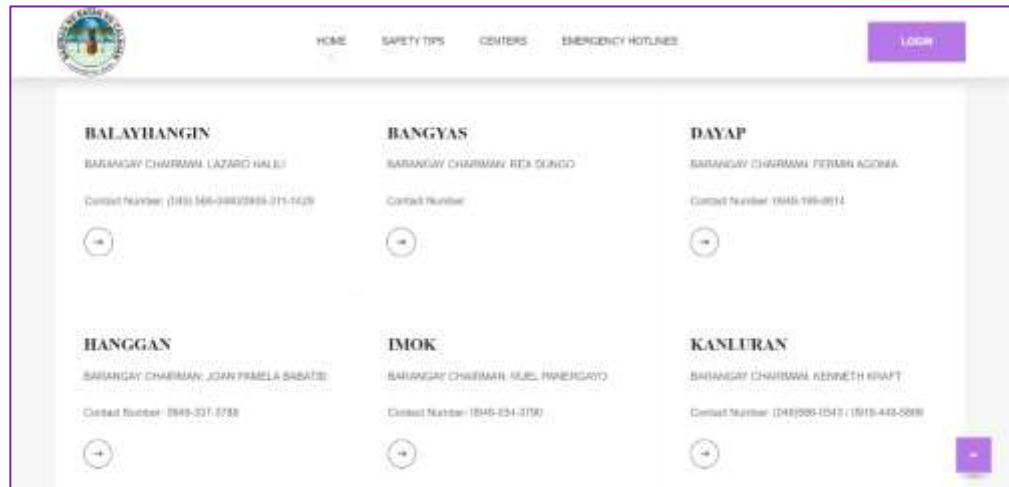

SAFETY TIPS PAGE

In the safety tips page, you will see here all the emergency safety tips added by the MDRRMO user.

CENTERS TIPS PAGE

Here in the centers page, you will first all view the barangays who have active evacuation centers.


Once you viewed all the barangays, you will select a certain barangay to display all the evacuation centers available in the barangay along with the statistics per center such as the total families, individuals, and vacant slot. To get the vacant slot, the total number of individuals will be subtracted by the total capacity of an evacuation center. The page will look like this if there's no present emergency. Also, as you can see, you can view the map of an evacuation center.
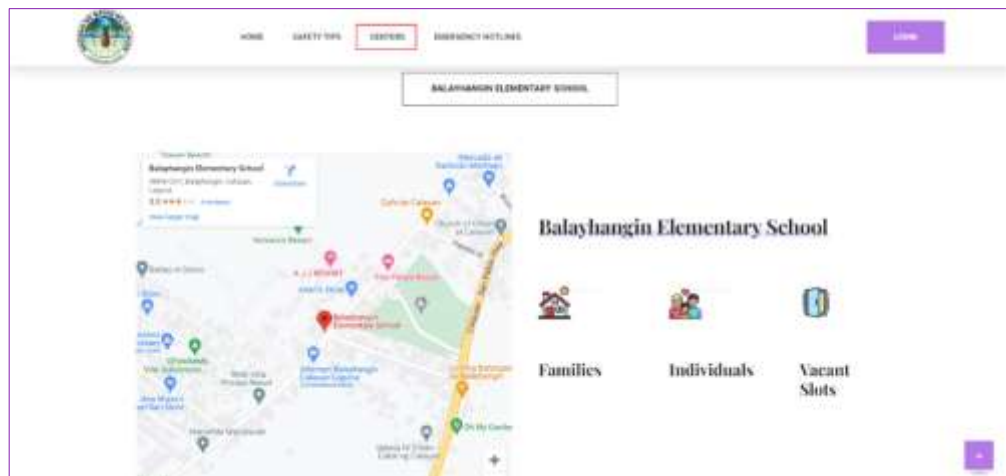
EMERGENCY HOTLINES PAGE

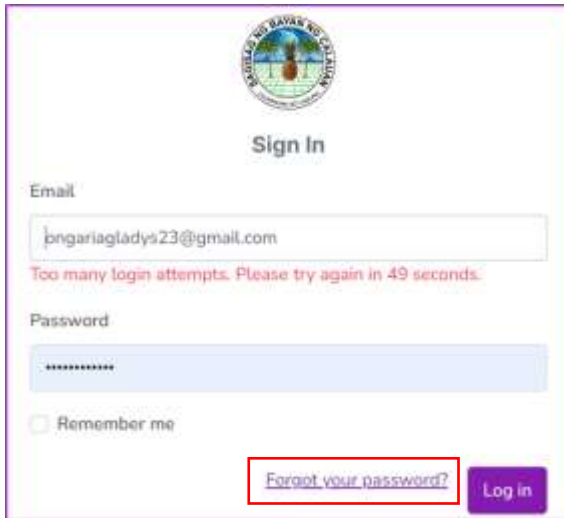In this page, you can see all the emergency hotlines added by the MDRRMO.
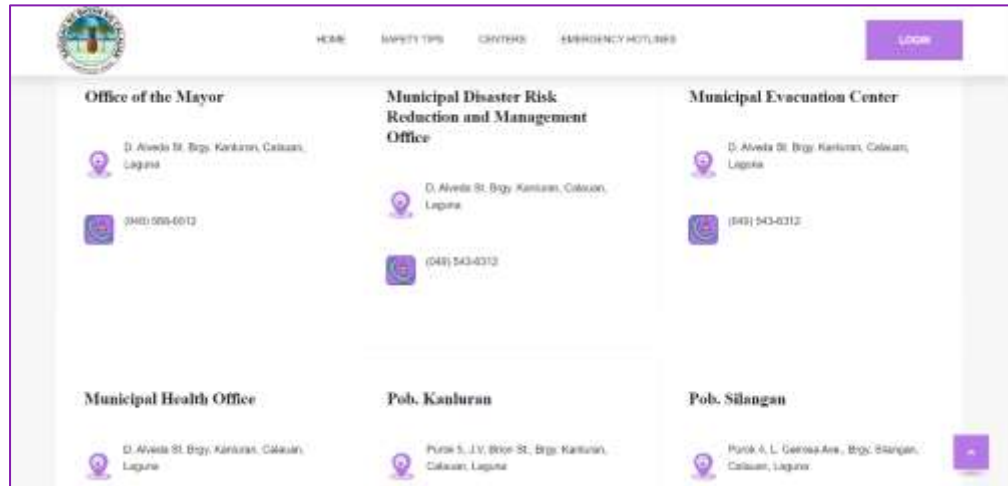
LOGIN PAGE

Authentication Mechanisms

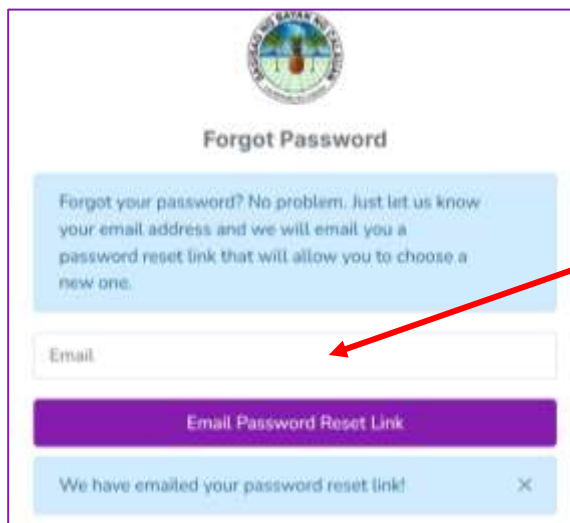Enter your login credentials and click login.

"Remember Me" checkbox will keep you authenticated indefinitely or until you manually logout.

If you've entered incorrect credentials, you won't be able to log in to the system. If you input incorrect credentials several times, your account will be automatically locked. Even if you change you login in different browser or device, you won't be able to login.

And so, you're really a user of the system and you forgot your password, just click the "Forgot Password" button.

FORGOT PASSWORD

Once you click the "Forgot Password" button, you will be redirected to this page. So, you just need to enter your email address and the system will email you a password reset link.

The reset link is sent to you if you'll see this notification. Click the "Reset Password" button and you will be redirected to this page.
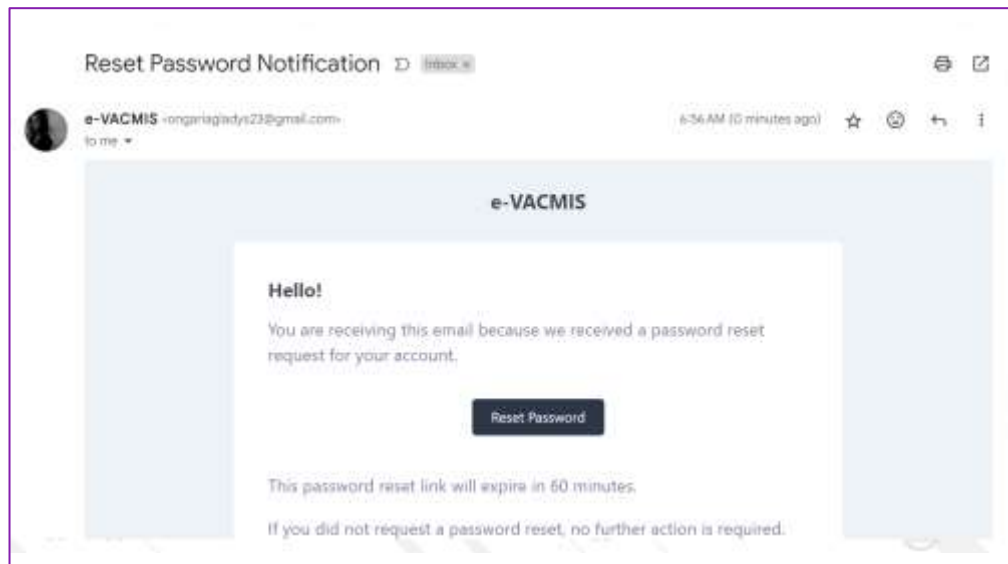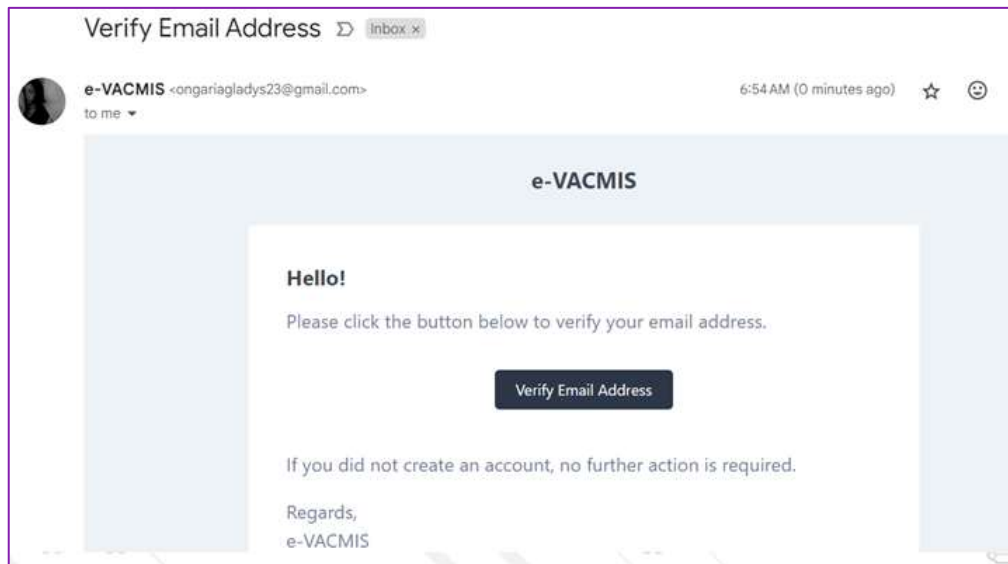

EMAIL VERIFICATION

If you're a newly added user by the admin, you will need to verify your email address. If you correctly input your credentials in the login page, you will be redirected to this page. Check your email if you have received an email.
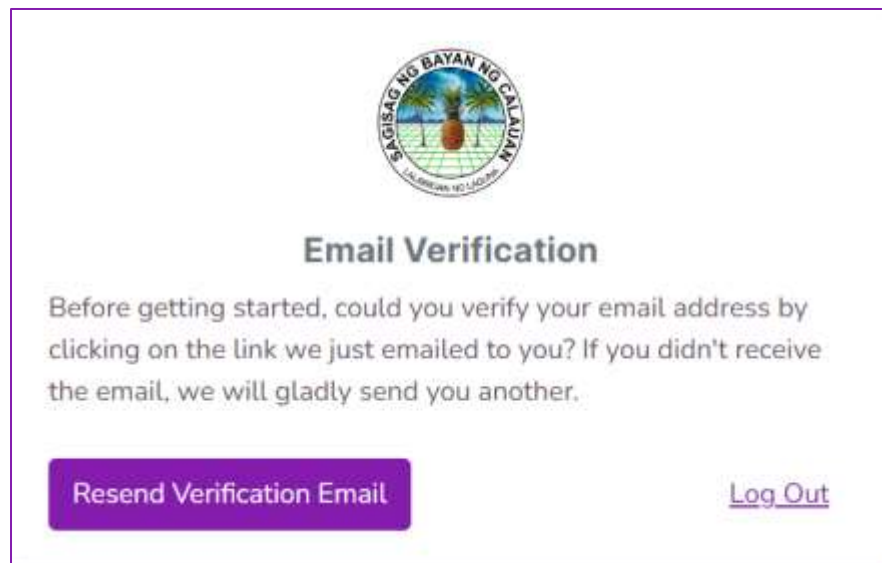
Click the "Verify Email Address" button and you will be redirected to your assigned dashboard.

Once you're successfully logged in, you will be redirected to the dashboard. You will view here different statistics such as the total number of affected family heads, individuals, barangays, and evacuation centers. You will also see here the emergency board and the recent audits. Also, different user roles have different panel.
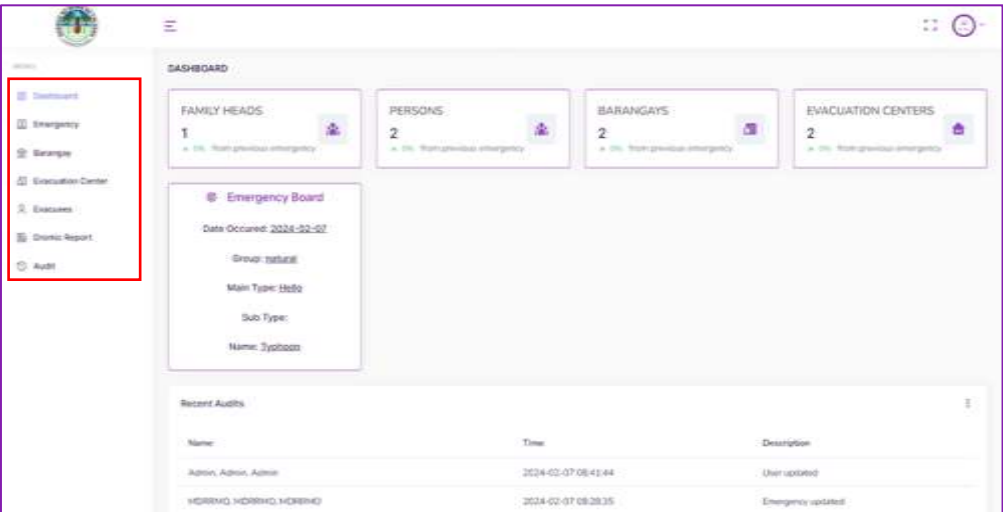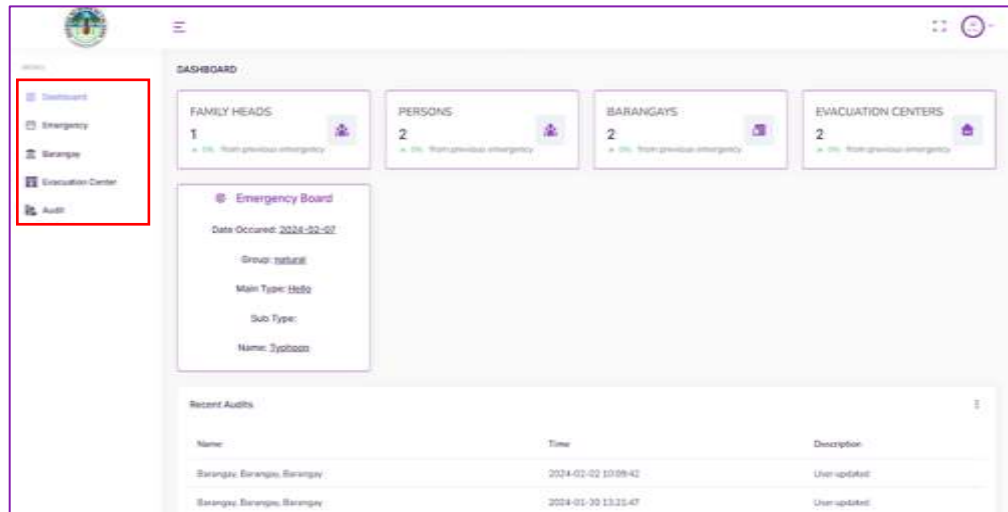
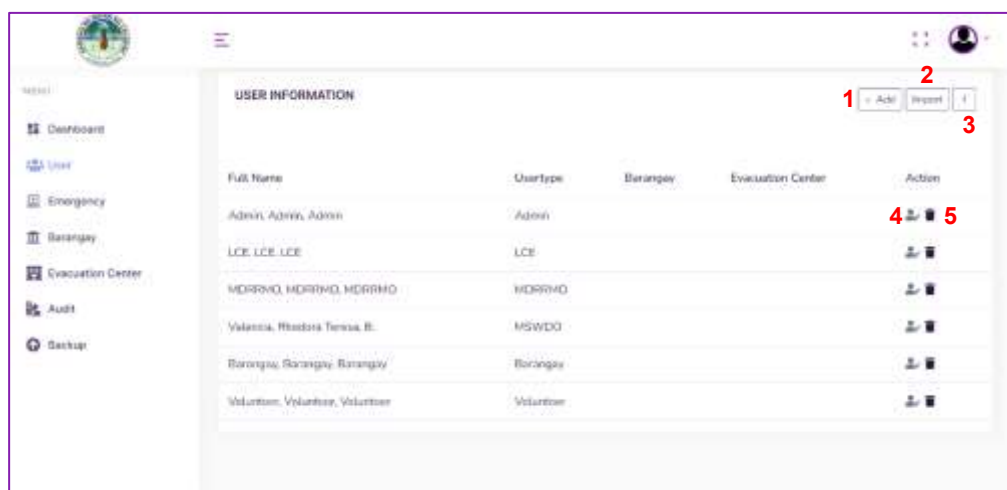**Administrator Panel**
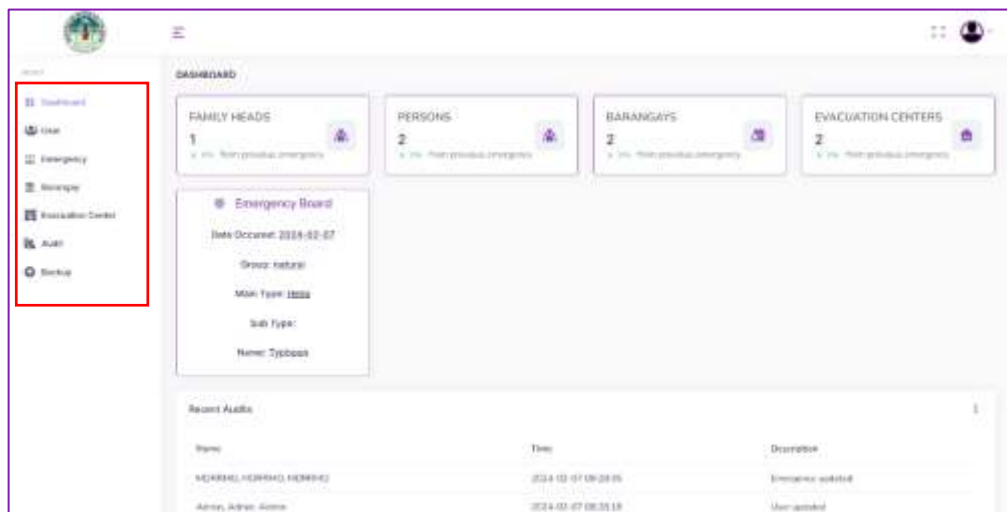
MDRRMO Panel
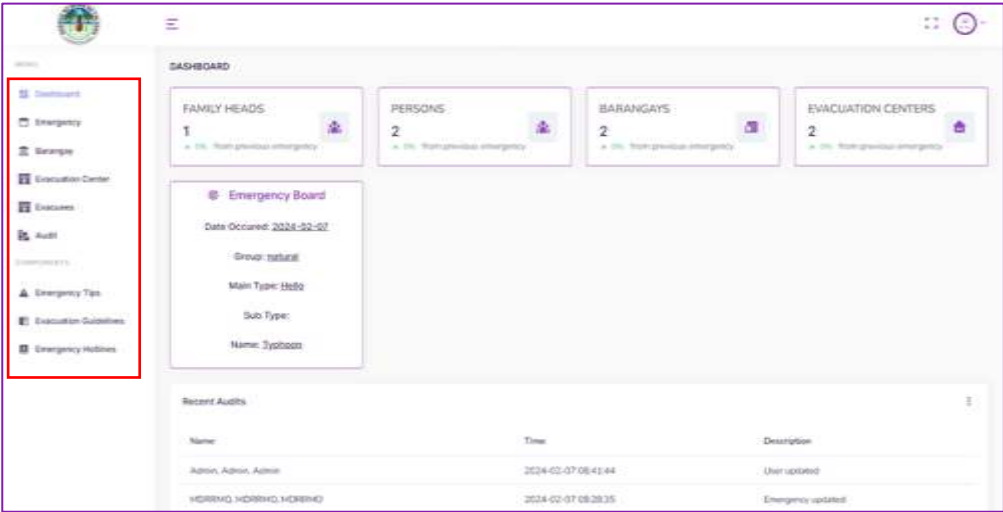
MSWDO Panel

Barangay and Volunteer Panel

The Administrator is responsible for user management and system backups. Evacuation management is shared between the Barangay, MSWDO, and MDRRMO. Evacuee management is a responsibility shared by all roles except Guest users. The MDRRMO is responsible for handling the emergency tips, emergency hotlines, and evacuation guidelines.

User Management of Admin

Here is the users' list. Only the admin can view this page and manage it.

1. **Add User.**

Create User   ×

Last Name	First Name	Middle Name
Ongaria	Gladys	Bugatan

Usertype	Email	Password
MSWDO ⌄	ongariagladys23@gmail.cc	••••••••••••

Barangay	Evacuation Center
BALAYHANGIN	Balayhangin Church

Close   Save Changes

Once the user created and the user want to access the account, he/she needs to undergo email verification. This is a significant security measure that contributes to the overall integrity of the system, protecting both users and the data within the system.

2. **Import User.**

Choose the database you want to import and click the button "Upload".

Import User/s   ×

Choose File   No file chosen

Close   Upload

3. **Export as PDF or Excel.**

Choose the type of document you want to export and it will automatically be downloaded.

+ Add   Import   ⋮

Excel

PDF

Evacuation Center   Action

👤 🗑

4. Edit User.

Click this to save changes.

5. Delete User.

Click "Delete" to confirm.

Emergency Management

Admin, MSWDO, Barangay, and Volunteer View

The admin, MSWDO, Barangays, ad volunteer can only view the emergency list.

MDRRMO View

Only the MDRRMO user can manage the information of the emergencies.

EMERGENCY INFORMATION						+ Add · Import · ⋮
					Search:	
Date Occured ↑	Emergency Group ≑	Emergency Name ≑	Barangays ≑	Family Heads ≑	Persons ≑	Action ≑
2024-01-29	Natural	Paeng	2	3	7	👤 🗑 ✓
2024-01-30	Natural	Pablo	2	1	1	👤 🗑 ✓
2024-01-31	Natural	Saeng	2	0	0	👤 🗑 ✓
2024-02-07	natural	Typhoon	2	1	2	👤 🗑 ✓

Showing 1 to 4 of 4 entries

Once you click the date occurred of an emergency, you will be redirected to the barangays page where all barangays affected by the emergency are displayed in a folder type.

EMERGENCY > BARANGAYS

📁 BALAYHANGIN   ⋮   📁 BANGYAS   ⋮
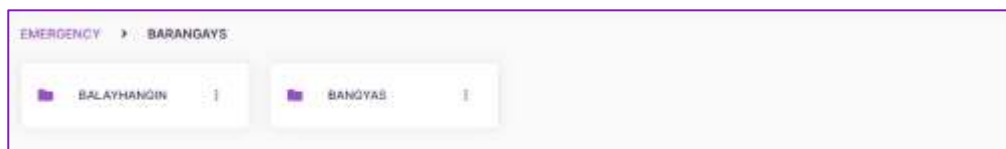
Once you click a certain barangay, you will be redirected to the evacuation centers page where all evacuation centers of the barangays affected by the emergency are displayed in a folder type.

EMERGENCY > BARANGAYS > EVACUATION CENTERS

📁 Balayhangin Church   ⋮
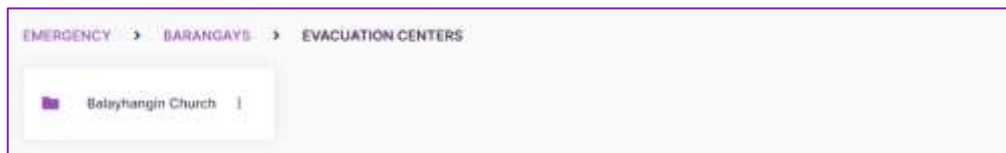
Once you click a certain evacuation center, you will be redirected to the family heads page where all evacuees inside evacuation centers affected are displayed.

All users have access on this page except the guest user. You'll see here the list of family heads and the statistics per evacuation center such as the total number of families, individuals, and vacant slots.

1. Add Family. To add and assign new evacuees, you will use this form.

2. Add Existing.

If there's an existing record, you will use this form to assign families.

3. Check Out Family.

Click this to check out families.

The checked-out families will be displayed in the "Checked Out" tab.

4. View DAFAC

5. Print DAFAC. Click "Print" button to print the DAFAC.

6. Edit Family. Click "Save Changes" to save.

7. Delete Family.

Click "Delete" to confirm deletion

Barangay Management

Admin View

Only the admin can modify the barangays but can't add or delete a certain barangay.

MDRRMO, MSWDO, Barangay, and Volunteer View

Evacuation Center Management

Admin and MSWDO View

Only the admin and MSWDO can modify the evacuation centers.

In case all registered evacuation centers are fully occupied, they can add an unregistered evacuation center which will displayed in the "Unregistered" tab.

MDRRMO, Barangay, and Volunteer View

EVACUATION CENTER INFORMATION				
Registered			Unregistered	
			Search	
Barangay	Center Name	Camp Manager	Capacity	
BANGYAS	Bangyas Elementary School	Mr. Bangyas	100	
DAYAP	Dayap Elementary School - Annex	Mr. Dayap	100	
DAYAP	Dayap Elementary School	Mr. Dayap	100	

Audits Module

All users except the guest users can view this page.

AUDITS				
Name	Usertype	Time	Description	
Barangay, Barangay, Barangay	Barangay	2024-02-07 10:20:00	User updated	👁
Admin, Admin, Admin	Admin	2024-02-07 10:17:13	User updated	👁
Admin, Admin, Admin	Admin	2024-02-07 09:38:12	User updated	👁
Barangay, Barangay, Barangay	Barangay	2024-02-07 08:53:23	User updated	👁
Admin, Admin, Admin	Admin	2024-02-07 08:41:44	User updated	👁
MDRRMO, MDRRMO, MDRRMO	MDRRMO	2024-02-07 08:28:35	Emergency updated	👁

Backup Management

Admin View

When the system has a backup, it will show healthy.

BACKUP				Create Backup
				↻
DISK	HEALTHY	AMOUNT OF BACKUPS	NEWEST BACKUP	USED STORAGE
local	⊗	1	5 days ago	13.24 KB
local				↻
PATH		CREATED AT	SIZE	
e-VACMIS/backup-only-db-2024-02-02-09-39-15.zip		2024-02-02 09:39:15	13.24 KB	

212

And not healthy if the system has no backup.

Emergency Tips, Evacuation Guidelines, and Emergency Hotlines Management

(MDRRMO View)

DROMIC Report (MSWDO View)

If the MSWDO want to create another report, just select an emergency and you will be redirected to DROMIC Page.